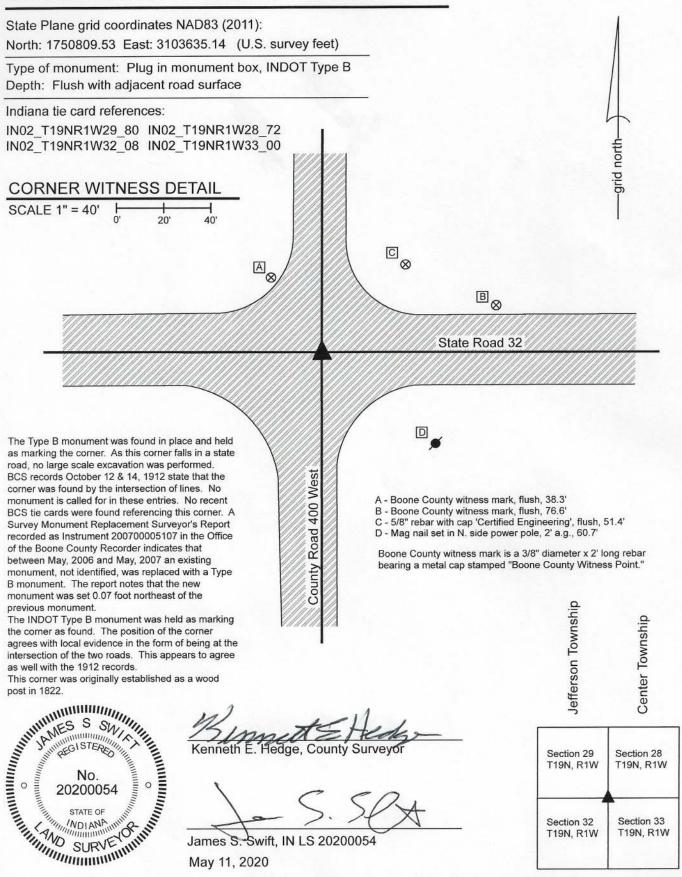
May 11, 2020

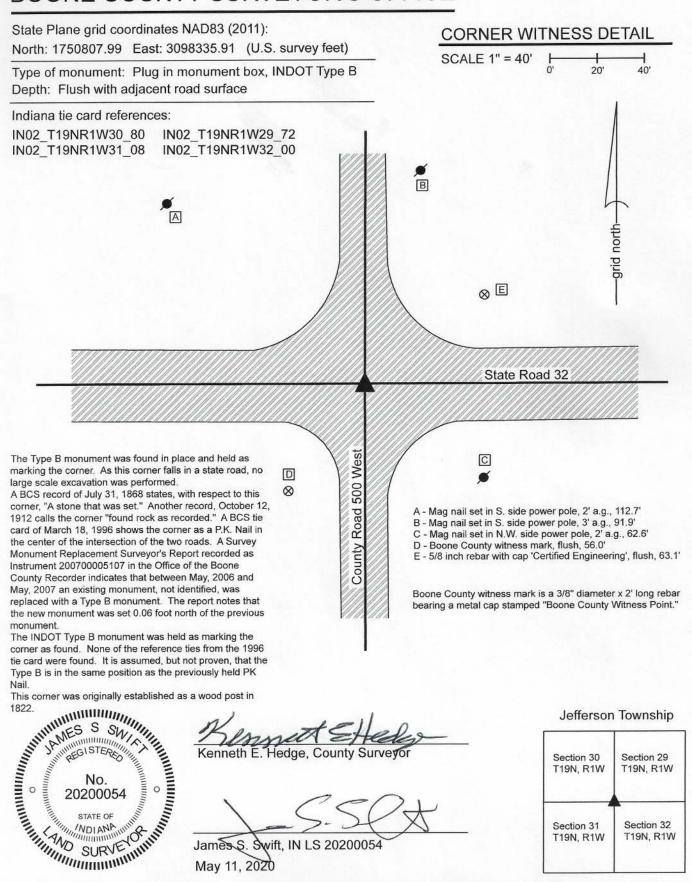
NW 100-400



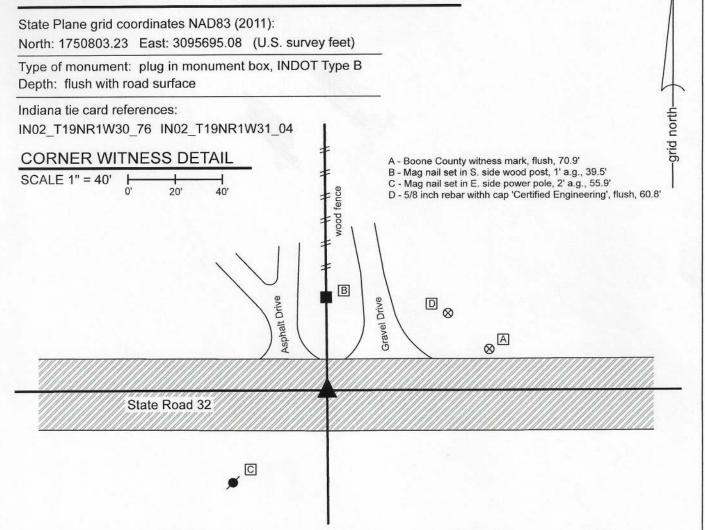
#### SECTION CORNER RECORD NW 100-450 BOONE COUNTY SURVEYOR'S OFFICE State Plane grid coordinates NAD83 (2011): North: 1750812.22 East: 3100979.62 (U.S. survey feet) Type of monument: Harrison, 4" disk 'Section Corner' Depth: Flush with adjacent ground Indiana tie card references: IN02 T19NR1W29 76 IN02\_T19NR1W32\_04 CORNER WITNESS DETAIL grain SCALE 1" = 60' A - Boone County witness mark, flush, 52.3' B - N.E. edge, 36 inch diameter Maple tree, 1' up, 66.8' C - Anchor bolt, S.E. edge, grain bin, 65.4' The Harrison monument was set in place of a 5/8 inch rebar with plastic cap stamped "Section Corner" found. 83.5' +/- (N. edge pavement to corner) A BCS record of October 10, 1867 states, with respect to this corner, gravel drive / farm entrance Reest'd from stump of both trees. Set stake." A BCS record of June 13, 1873 states "Reest'd from the stake driven in survey of Oct. 10th, 1867. A Sect. 32." Set Rock 15x12x7." No recent BCS tie cards were found referencing this corner. The found rebar is known to have been accepted as the corner for many years and fits with deed calls to the center of S.R. 32 recited in the deed for the adjoining property to the east, recorded in Instrument 0408581 in the Office of the Boone County Recorder. The plastic cap appeared to be substantially aged. The rebar was generally undisturbed as found, having been protected by the installation of a steel t-post next to the rebar by the adjacent landowner. Other than the rebar, the only physical evidence of the section lines in the immediate vicinity of the corner is in the form of a north-south field division separating the farm yard to the west from the tilled field to the east. No evidence of fencing was found along the line and it is believed that any fencing which may have existed along the north-south line has been removed for a long time. The found rebar was in-line with the field division. As the corner falls a short distance north of State Road 32, which generally runs east-west, no evidence of the section lines to the east and west of the corner was found, nor is it likely that any has existed in recent years. Several attempts to find the 1873 record stone with a probe beginning in October, 2015 yielded no further evidence of the corner. The position of S.R. 32 the rebar fits well with proximate corners and local deed calls and was held as marking the corner. The rebar was removed and replaced with a Harrison monument in the same position on September 22, 2017. This corner was originally established as a wood post in 1822 Jefferson No. 20200054 STATE OF ANDIANA MANAGEMENT OF SURVE MINISTRAL MANAGEMENT OF SURVEY MANAGEMENT OF S Township Section 29 T19N, R1W Section 32 T19N, R1W James S.) Swift, IN LS 20200054 October 3, 2017

May 11, 2020

#### NW 100-500



NW 100-550



The Type B monument was found in place and held as marking the corner. As this corner falls in a state road, no large scale excavation was performed.

ABCS record of March 9, 1880 states, with respect to this corner, "Reestd. Set rock 40x15x20 plus on top." BCS tie cards of 1994, 1995 and 1996 show the corner as a P.K. Nail in the approximate center of the state road, in-line with an occupation line to the north. A Survey Monument Replacement Surveyor's Report recorded as Instrument 200700005107 in the Office of the Boone County Recorder indicates that between May, 2006 and May, 2007 an existing monument, not identified, was replaced with a Type B monument. The report notes that the new monument was set 0.09 foot northwest of the previous monument.

The INDOT Type B monument was held as marking the corner as found. The position of the corner agrees with local evidence in the form of being at the the center of the east-west road and being in-line wih a wood post and fence to the north. This appears to agree as well with the 1912 records. This corner was originally established as a wood post in 1822.



Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054

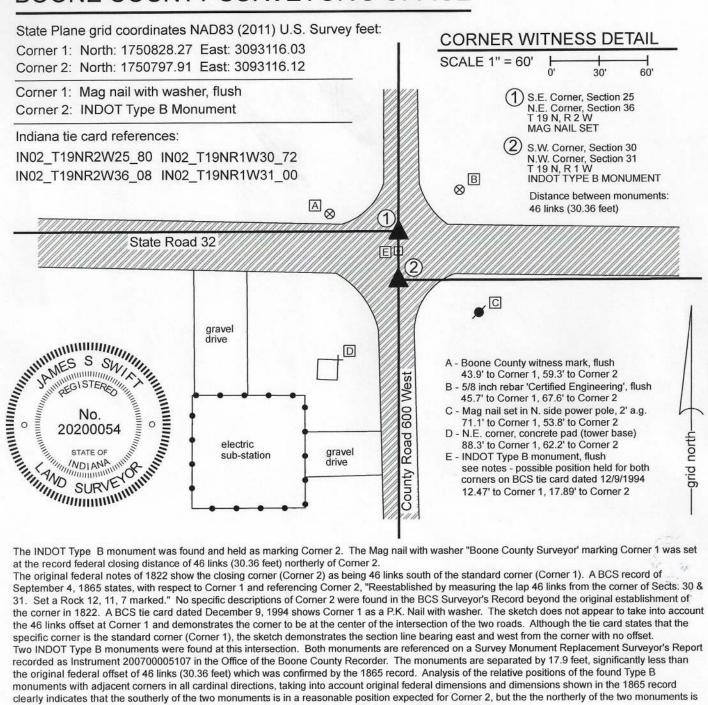
May 11, 2020

Jefferson Township

Section 30 T19N, R1W

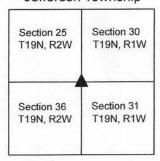
Section 31 T19N, R1W

## NW 100-600



south of the expected position for Corner 1. No uncertainty exists as to the offset, being 46 links or 30.36 feet. Distance ties shown on the 1994 BCS tie card indicate that the northerly of the Type B monuments was likely set in the same position as the P.K. Nail shown on the 1994 tie card. As noted above, this tie card does not take into account the 46 links federal offset on the range line, treating the two separate corners as a common corner and is clearly in error on that count. No excavation was performed at these corners, as they both fall within the state higway. The southerly of the two Type B monuments was held as marking Corner 2. Corner 1 was etablished at 30.36 feet north thereof on the prolongation of the line connecting the east quarter corner of section 36 (see BCS Corner NW 050-600) with the monument held as marking Corner 2. A mag nail with washer stamped 'Boone County Surveyor' was set at this position on June 17, 2020. The Type B monument previously held as marking this corner is 12.5 feet south. Another mag nail, unknown origin, was found 16.1 feet north of Corrner 2. Corner 1 was originally established as a wood post in 1819. Corner 2 was established as a wood post in 1822.

Kenneth E. Hedge, County Surveyor James S. Swift, IN LS 20200054 August 5, 2020 Jefferson Township



NW 150-400

## BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

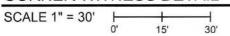
North: 1753429.67 East: 3103639.68 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Section Corner' Depth: Six inches below adjacent gravel road surface

Indiana tie card references:

IN02\_T19NR1W29\_44 IN02\_T19NR1W28\_36

#### CORNER WITNESS DETAIL



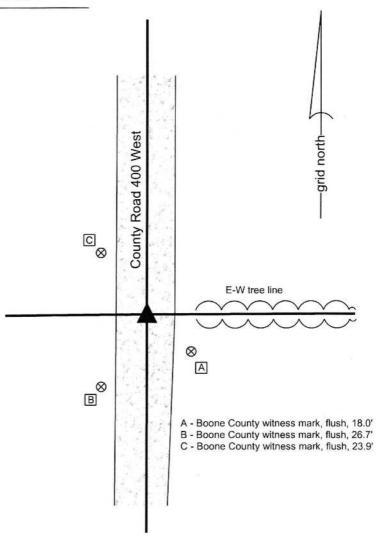
The Harrison monument was set in place of a vertical section of railroad rail found.

No specific descriptions of the corner were found in the BCS Surveyor's Record. A BCS tie card dated October, 1975 states "No Stone - Rail Set" and shows the corner as being at the midpoint between fence corner posts on the east and west sides of the road.

This corner was excavated on June 10, 2015. Prior to excavation, a vertical section of railroad rail was found at 6 inches below grade in the center of the gravel road at the westerly prolongation of an old tree line to the east. Though the corner posts shown on the 1975 tie card are no longer present, it is believed that the found rail is the same monument called for on the 1975 record. Excavation of an area extending 4 feet North, 4 feet South, 3.5 feet East, and 3.5 feet West of the rail yielded no further evidence of the corner.

The rail was accepted as providing the best available evidence of the corner. The rail was removed during excavation and was replaced with a Harrison monument set in the same position.

This corner was originally established as a wood post in 1829.



Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

No. 20200054 STATE OF ANDIANA MINISTRALIAN SURVENIENTED S

Kenneth E. Hedge, County Surveyor

James S. Swift, IN LS 20200054

March 24, 2016

Jefferson Township

Senter Township

Section 29 T19N, R1W Section 28 T19N, R1W

#### NW 150-500

## **BOONE COUNTY SURVEYOR'S OFFICE**

State Plane grid coordinates NAD83 (2011):

North: 1753445.69 East: 3098338.90 (U.S. survey feet)

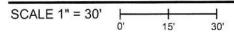
Type of monument: Harrison, 4" disk 'Section Corner'

Depth: One inch below adjacent road surface

Indiana tie card references:

IN02 T19N1W29 36 IN02 T19NR1W30 44





A - Boone County witness mark, flush, 24.3'

B - Mag nail set in W. side power pole, 2' a.g., 24.8'

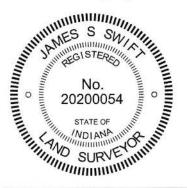
C - Boone County witness mark, flush, 15.1

Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

The Harrison monument was set over a stone found. A BCS record dated October 12, 1912 states "Set rock in line 18x15x7 marked +." A BCS tie card dated September 9, 1968 states "No stone."

This corner was excavated on June 9, 2015. Prior to excavation, a 5/8 inch diameter rebar with a red plastic cap (markings illegible) was found at the surface of the road. Excavation revealed a vertical section of railroad rail found at 7 inches deep. The center of mass of the top of the rail, the point on the rail known to have been held as the exact position of the corner by the BCS crews which set the rails, was 0.2 foot south of the rebar. It is considered most likely that the rail was set in association with the creation of the 1968 tie card. Further excavation revealed a stone found at 12 inches deep. With 8 inches of the top of the stone exposed, it measured 15 inches N-S by 7 inches E-W. The stone was embedded in the clay layer below the road bed, with the top of the stone coincident with the bottom of the road bed. With 8 inches exposed, the stone remained entirely stable in the clay, indicating that it was yet larger in the vertical dimension. The east side of the stone was flat and vertical while the west side of the stone was more sloping. The stone had a distinct N-S ridge across the top and an etched notch was found at the center of the ridge, at the top, center point of the stone. The stone was accepted as being the same monument called for in the 1912 record and was held as marking the corner. The stone was left in place and a Harrison monument was set over the etched mark. The rebar and rail were both removed during excavation. The final position for the corner is 1.0 foot North and 0.4 foot East of the position of the rebar found prior to excavation. This corner was originally established as a wood post in 1829.

Α gravel drive B 8 C mailbox "1535" County Road 500 West gravel drive



Kenneth E. Hedge, County Surveyor

March 24, 2016

Jefferson Township

Section 30 T19N, R1W

Section 29 T19N, R1W

#### BOONE COUNTY SURVEYOR'S OFFICE

## PHOTOGRAPHIC DOCUMENTATION Date of photography: June 9, 2015

The stone as it was originally exposed.



The stone exposed, view from the west.



The top of the stone from above after fill material was packed back around the stone.



For details and documentation, refer to related sheet "Section Corner Record."

The stone more fully exposed.



View from the south, looking across the stone and north along County Road 500 West.



NW 200-400

#### **BOONE COUNTY SURVEYOR'S OFFICE**

State Plane grid coordinates NAD83 (2011):

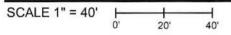
North: 1756068.65 East: 3103638.65 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Section Corner' Depth: six inches below adjacent gravel road surface

Indiana tie card references:

IN02\_T19NR1W20\_80 IN02\_T19NR1W21\_72 IN02\_T19NR1W29\_08 IN02\_T19NR1W28\_00

#### CORNER WITNESS DETAIL



County Road 200 North

The Harrison monument was set in place of a railroad spike found. A BCS record of February 24, 1880 states, with respect to this corner, "Reestb at intersection of lines. Set Rock 17x14x8 +." A BCS tie card dated October, 1975 states "No Stone - Rail Set." This corner was excavated on June 8, 1975. Prior to excavation, a rebar was found bent at the surface. Excavation revealed a railroad spike found at 8 inches deep, north and west of the rebar. Excavation of an area extending 3 feet north, 3 feet east, 7 feet west and 7 feet south of the found railroad spike yielded no further evidence of the corner. Neither the stone called for in the 1880 record nor the rail called for the in 1975 tie card were found, nor were sufficient ties from the 1975 tie found to confirm the position of the rail. With respect to the two monuments found, the source for neither of which is known, it was observed that the railroad spike was significantly deeper than the rebar and fit better with the available local evidence of the corner in the form of the existing roadways. The position of the railroad spike was held as marking the corner. The spike was removed and a Harrison monument was set in the same position. The rebar, also removed during excavation, had

been 1.0 foot east and 3.6 feet south of the railroad spike. This corner was originally established as a wood post in 1829.

A - West edge, Road sign post, E-W Arrow, 13.2'

B - Mag nail set in S.W. side power pole, 2' a.g., 85.7'

C - Mag nail set in N.E. side power pole, 2' a.g., 60.9'

D - Boone County Witness Mark, flush, 36.5'

Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

No. 20200054 STATE OF HILLIAM SURVE SURVE

Kenneth E. Hedge, County Surveyor

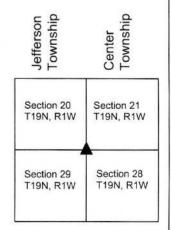
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C

County Road 400 West

James S. Swift, IN LS 20200054

March 24, 2016



NW 200-450

State Plane grid coordinates NAD83 (2011): North: 1756048.33 East: 3100985.010 (U.S. survey feet)

Type of monument: Harrison, 4" disk 'Section Corner' Depth: six inches below adjacent gravel road surface

Indiana tie card references:

IN02 T19NR1W20 72 IN02 T19NR1W29 04

> A - Boone County witness mark, flush, 54.6' B - Boone County witness mark, flush, 37.0'

C - Top, north end, CMP, 22.0' D - Top, south end, CMP, 24.1'

CORNER WITNESS DETAIL

SCALE 1" = 30'

C County Road 200 North 11 В A D

The Harrison monument was set in place of a vertical section of 1/2 inch diameter rebar found.

No specific descriptions of this corner were found in the BCS Surveyor's Record, though the corner is noted as the terminal point for measurements in several entries, most notably in an entry from November, 1853 which shows the relative locations of the subject corner and the section corners to the east and west. No recent BCS tie cards were found referencing this corner.

Excavation was performed at this corner on November 19, 2015. Prior to excavation, two rebars were found in the general vicinity of the corner. A 5/8 inch diameter rebar with a red cap, markings illegible, was found at 1 inch deep in the gravel road. A 1/2 inch diameter rebar with no cap was found at 9 inches deep in the gravel road, approximately 1 foot south and 3 feet west of the shallower rebar. Both rebars were in the approximate center of the east-west roadway. The 1/2 inch diameter rebar was at the west edge of a vague field entrance known to have formerly been used to access the field to the south and east, per testimony of local landowners.

Excavation of an area extending 4 feet in all directions from the 1/2 inch diameter rebar yielded no further evidence of the corner. Numerous fist-sized rocks were found at the base of the road bed. None of these stones appeared to be section corner monuments and the presence of this substantial base material indicates that this specific area was formerly wet and muddy.

It is noted that the roadway bends significantly at this quarter corner. Contrary to the expectation that the east-west section line be generally straight, the road diverges from the straight line. The center of the road and existing monuments were found to be up to 30 feet south of a straight line connecting the section corners to the east and west. The 1939 aerial photos on file in this office indicate that the bend in the road has existed since at least that time. Of the two monuments, the ½ inch rebar fit better with the local evidence of the corner in the form of the old farm lane, fit better with remote evidence of the corner with respect to evidence of occupation along the sixteenth line 1/4 mile to the west and fit better with the measurements reported in the 1853 record. The 5/8 inch rebar appears to have been set at or approximately equidistant from previously accepted (though not currently accepted) positions of the section corners to the east and west. However, the 1853 record indicates that the distance between the quarter corner (subject corner) and the corner to the west is longer than the distance to the quarter corner to the east. On all counts, the deeper monument fit better with old evidence and BCS records than the shallower monument. The ½ inch rebar was held as marking the corner and was replaced with a Harrison monument in the same position. Both rebars were removed during excavation. The 5/8 inch rebar had been 0.9 foot north and 3.1 feet east of the corner.

This corner was originally established as a wood post in 1822.

No. 20200054 STATE OF SURVENIENT SURVENIENT

Kenneth E. Hedge, County

James S. Swift, IN LS 20200054

March 23, 2017

Jefferson Township

Section 20 T19N, R1W

Section 29 T19N, R1W

#### NW 200-500

#### BOONE COUNTY SURVEYOR'S OFFICE

State Plane grid coordinates NAD83 (2011):

North: 1756092.46 East: 3098338.74 (U.S. survey feet)

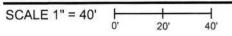
Type of monument: Harrison, 4" disk 'Section Corner'

Depth: flush with adjacent road surface

Indiana tie card references:

IN02\_T19NR1W19\_80 IN02\_T19NR1W20\_72 IN02\_T19NR1W30\_08 IN02\_T19NR1W30\_00





guard rail

County Road 200 North

The Harrison monument was set over a vertical section of railroad rail found

No specific descriptions of this corner were found in the BCS Surveyor's Record. A BCS tie card dated September 17, 1968 states, with respect to this corner, "no stone."

This corner falls at the edge of a bridge. There appears to be no substantial likelihood that excavation would reveal ancient evidence of the corner. Hence, excavation was not performed at the corner. A vertical section of railroad rail was found at 7 inches deep in a hole in the asphalt at a position which generally agreed with the representation of the corner on the 1968 tie card. It is considered most likely that the rail was set in association with the creation of the 1968 tie card. The rail was held as marking the corner. The rail was left in place, undisturbed. The top few inches of the rail were anchored in concrete and a Harrison monument, broken off to 6 inches tall, was set directly above the rail.

This corner was originally established as a wood post in June, 1829.

⊗<sup>©</sup>

A - Chisel Mark in top of guard rail post, 25.5' B - Chisel Mark in top of guard rail post, 48.5'

C - Boone County witness mark, flush, 67.6'

D - Chisel Mark in top of guard rail post, 35.9'

Boone County witness mark is a 3/8" diameter x 2' long rebar bearing a metal cap stamped "Boone County Witness Point."

No. 20200054 STATE OF SURVENIENT SURVENIENT

Kenneth E. Hedge, County Surveyor

guard rail

D

500 West

Road

Sounty

James S. Swift, IN LS 20200054

March 24, 2016

Jefferson Township

